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**From:** Nguyen, Thuy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FDF4C9A977D4493E948C607108A47C0E-THUY NGUYEN]  
**Sent:** 10/30/2020 6:40:37 PM  
**To:** Hayes, Sharon [Hayes.Sharon@epa.gov]  
**Subject:** Fwd: Fort Meade Assistance: PFAS analysis of Anvil 10+10 manufactured by Clarke Mosquito Control, Roselle, Illinois

Hi Sharon

Please see below for the sampling tips to minimize PFAS cross contamination

Thanks

Thuy

Begin forwarded message:

**From:** "Nguyen, Thuy" <Nguyen.Thuy@epa.gov>  
**Date:** October 29, 2020 at 3:18:00 PM EDT  
**To:** "Tham, Kan" <Tham.Kan@epa.gov>  
**Cc:** "Qian, Yaorong (qian.yaorong@epa.gov)" <qian.yaorong@epa.gov>  
**Subject:** FW: Fort Meade Assistance: PFAS analysis of Anvil 10+10 manufactured by Clarke Mosquito Control, Roselle, Illinois

Hi Kan

Thanks for the reminder

Samples can be shipped to the following address

Thuy Nguyen  
Analytical Chemistry Branch  
USEPA/OPP/Biological and Economic Analysis Division (7503P)  
Environmental Science Center  
701 Mapes Road  
Ft Meade, Maryland 20755-5350

We appreciate if you let us know in advance when the samples are shipped, so that we can have someone at the lab to receive and properly store them

Below are some steps that you could take to minimize PFAS contamination

1. Sampling.

**FIELD EQUIPMENT**

- <!--[if !supportLists]--><![endif]-->Samples should be collected in appropriate containers.
- <!--[if !supportLists]--><![endif]-->Sampling materials must be made from stainless steel, HDPE, acetate, silicon, or polypropylene.
- <!--[if !supportLists]--><![endif]-->Field Reagent Blank (FRB) should be collected to ensure the cross contamination is minimum during sample collection and handling, because PFAS are common in many consumer and industrial products.
- <!--[if !supportLists]--><![endif]-->Must not contain Teflon (aka PTFE) materials.
- <!--[if !supportLists]--><![endif]-->No waterproof field books can be used.
- <!--[if !supportLists]--><![endif]-->No adhesives (i.e. Post-It Notes) can be used.
- <!--[if !supportLists]--><![endif]-->No sharpies and permanent markers; use ball point pens.
- <!--[if !supportLists]--><![endif]-->Do not use blue ice packs; use ice only.

- <!--[if !supportLists]--><![endif]-->Use only PFAS-free water,alconox, and/or liquinox to decontaminate equipment.

#### **FIELD CLOTHING and PPE**

- Only use wet weather gear and safety boots made of polyurethane and PVC.
- Do not use clothing, boots, or materials containing Gore-Tex, Tyvek.
- Do not use clothes laundered with fabric softeners (unless laundered many times to ensure fabric softener is removed before wearing in field.
- Avoid cosmetics, moisturizers, hand creams sunscreens and insect repellants that may contain PFAS.

#### **2. Sample collection planning for the possible sources of PFAS**

Sampling procedure and equipment: field blanks

Product container/glue: rinsate of the container

Container cleaner

Products and product components

Equipment and handling in manufacturing and packaging.

Let us know if you need additional information.

Thuy